

What is Claimed Is

~~CLAIMS~~

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1. A portable communication apparatus (1) having a man-machine interface (2-5, 21), a controller (23), an operating system (25), a local storage device (24) for storing a first application (26, 27), a secure resource (29, 33) which is only accessible from the operating system, and a wireless interface (6, 7, 30-32) for connecting the portable communication apparatus to a remote device (10, 12, 15, 17, 20), wherein the man-machine interface is adapted to provide interaction between a user of the portable communication apparatus and the first application when executed by the controller and the operating system, and wherein the man-machine interface is also adapted to provide interaction between the user and a second application (28) originating from the remote device, characterized in that

the operating system (25) and only the operating system is adapted to provide a security indicator (22) through the man-machine interface (2-5, 21), the security indicator representing a secure connection between the secure resource (29) and one of said first and second applications (26-28), which currently uses the man-machine interface.

25 2. A portable communication apparatus as in claim 1, wherein the security indicator (22) indicates a type, origin or certificate of said one of said first and second applications (26-28), which currently uses the man-machine interface.

30 3. A portable communication apparatus as in claim 1 or 2, wherein the security indicator (22) is presented on a display (2) of the portable communication apparatus.

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4. A portable communication apparatus as in claim 3, wherein the security indicator (22) comprises at least one predetermined icon (22a).

5 5. A portable communication apparatus as in claim 3, wherein the security indicator (22) comprises a predetermined text message (22b).

10 6. A portable communication apparatus as in claim 5, wherein said predetermined text message (22c) has a font, size or color, which is different from other text messages presented on the display (2).

15 7. A portable communication apparatus as in any of claims 3-6, wherein the security indicator (22d, 22e) indicates whether said one of said first and second applications (26-28), which currently uses the man-machine interface (2-5, 21), is executed locally in the portable communication apparatus or is executed externally to the
20 portable communication apparatus.

25 8. A portable communication apparatus as in any of claims 3-7, wherein the security indicator (22d, 22e) indicates whether said one of said first and second applications (26-28), which currently uses the man-machine interface (2-5, 21), was originally stored in said local storage device (24) when the portable communication apparatus was manufactured, or originates from said remote device (12).

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9. A portable communication apparatus according to any preceding claim, wherein the security indicator (22h) comprises an indication of a type of a connection (9, 14, 16, 19) between the portable communication apparatus and
35 the remote device (10, 12, 15, 17, 20).

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10. A portable communication apparatus according to claim 9, wherein said connection (14, 16) is a short-range supplementary data connection, such as Bluetooth.

11. A portable communication apparatus according to any preceding claim, wherein the security indicator (22) comprises an audible signal through the man-machine interface (4, 21).

12. A portable communication apparatus according to any preceding claim, wherein the security indicator (22) comprises a tactile signal through the man-machine interface (21).

13. A portable communication apparatus according to any preceding claim, characterized in that the apparatus is capable of mobile telecommunication.

14. A portable communication apparatus according to any preceding claim, wherein the security indicator (22) comprises an indication of whether there is currently a link between the portable communication apparatus and a remote device (10, 12, 15, 17, 20).

15. A portable communication apparatus according to any preceding claim, wherein the security indicator (22) comprises an indication of a physical link quality of said secure connection.

16. A portable communication apparatus according to any preceding claim, wherein the security indicator (22) comprises an indication that a transaction over said secure connection cannot be interrupted, manipulated, or interpreted by an application other than said one of said first

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and second applications (26-28), which currently uses the man-machine interface (2-5, 21).

17. A method of operating a man-machine interface (2-5, 21) of a portable communication apparatus (1) of the type having an operating system (25) capable of executing a plurality of applications (26, 27) through the man-machine interface, **characterized by** the steps of

providing a security indicating feature (22) in the man-machine interface (2-5, 21),

providing an operating system call for invoking the security indicating feature from at least one of said plurality of applications (26-28),

providing information regarding a security of one of said plurality of applications (26-28), which currently uses the man-machine interface (2-5, 21), upon reception of said operating system call from aforesaid one of said plurality of applications, and

including said information in said security indicating feature.

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